

N SERIES | INVERTER

VENTLESS INVERTER

The N Series Inverter is a low frequency workhorse that will efficiently power any load within its wattage rating. Its massive iron core transformer can handle the frequent power surges associated with industrial grade tools, pumps, heaters, and motors. These inverters are UL listed so you can be confident in our consistent quality.



Features

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of External power, Inverter power, Low input voltage, High temperature, & Overload
- Battery voltage indicator with push-to-test
- Automatic electronic short circuit/overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)

Model Numbers

- 12Z8NV
- 24Z8NV
- 48Z8NV

Available For

- Emergency Medical Services
- Marine Systems
- Military Vehicles
- RV Systems
- Trucks
- Utility Vehicles



Pure Sine Wave



Battery Voltage Options



Continuous Output Options



SPECIFICATIONS

	12Z8NV	24Z8NV	48Z8NV
INVERTER SPECIFICATIONS			
Output Power	800 watts	800 watts	800 watts
Peak Watts	1560 watts	1560 watts	2040 watts
Output Voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
Peak Output Current	13 AAC	13 AAC	17 AAC
Output Current	7 AAC	7 AAC	7 AAC
Output Waveform	Pure Sine	Pure Sine	Pure Sine
Output Frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
Input Voltage	12 VDC	24 VDC	48 VDC
Continuous Output Amps	7 amps	7 amps	7 amps
Efficiency	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
Warranty	Two years	Two years	Two years
PHYSICAL SPECIFICATIONS			
Weight	26 lb [11.8 kg]	26 lb [11.8 kg]	27 lbs [12.3 kg]
Dimensions	17" x 5.5" x 6.5" [43.2 x 14 x 16.5 cm]	17" x 5.5" x 6.5" [43.2 x 14 x 16.5 cm]	17" x 5.5" x 6.5" [43.2 x 14 x 16.5 cm]
Operating Temperature	-18° to 40° C [0° to 104° F]	-18° to 40° C [0° to 104° F]	-18° to 40° C [0° to 104° F]



GENERAL NOTES

Testing for specifications at 25° C, 12.6 VDC nominal.
Specifications subject to change without notice.



AGENCY APPROVALS & CERTIFICATIONS

- Listed to UL/cUL 458 Power Inverter, E100666

Sensata Technologies, Inc. ("Sensata") data sheets are solely intended to assist designers ("Buyers") who are developing systems that incorporate Sensata products (also referred to herein as "components"). Buyer understands and agrees that Buyer remains responsible for using its independent analysis, valuation, and judgment in designing Buyer's systems and products. Sensata data sheets have been created using standard laboratory conditions and engineering practices. Sensata has not conducted any testing other than that specifically described in the published documentation for a particular data sheet. Sensata may make corrections, enhancements, improvements, and other changes to its data sheets or components without notice.

Buyers are authorized to use Sensata data sheets with the Sensata component(s) identified in each particular data sheet. HOWEVER, NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OTHERWISE TO ANY OTHER SENSATA INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY THIRD PARTY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT, IS GRANTED HEREIN. SENSATA DATA SHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATA SHEETS OR USE OF THE DATA SHEETS, EXPRESS, IMPLIED, OR STATUTORY, INCLUDING ACCURACY OR COMPLETENESS. SENSATA DISCLAIMS ANY WARRANTY OF TITLE AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO SENSATA DATA SHEETS OR USE THEREOF.

All products are sold subject to Sensata's terms and conditions of sale supplied at www.sensata.com SENSATA ASSUMES NO LIABILITY FOR APPLICATIONS ASSISTANCE OR THE DESIGN OF BUYERS' PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT IT IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LEGAL, REGULATORY, AND SAFETY-RELATED REQUIREMENTS CONCERNING ITS PRODUCTS, AND ANY USE OF SENSATA COMPONENTS IN ITS APPLICATIONS, NOTWITHSTANDING ANY APPLICATIONS-RELATED INFORMATION OR SUPPORT THAT MAY BE PROVIDED BY SENSATA.

Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA

CONTACT US

Regional head offices:

United States of America

Sensata Technologies

Attleboro, MA

Phone: 508-236-3800

E-mail: support@sensata.com

Netherlands

Sensata Technologies Holland B.V.

Hengelo

Phone: +31 74 357 8000

E-mail: support@sensata.com

China

Sensata Technologies China

Co., Ltd.

Shanghai

Phone: +8621 2306 1500

E-mail: support@sensata.com